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**From:** Davis, Eva [Davis.Eva@epa.gov]  
**Sent:** 4/8/2019 2:37:56 PM  
**To:** D'Almeida, Carolyn [dAlmeida.Carolyn@epa.gov]  
**Subject:** FW: ST012 Site Activities

Seems that they are a week behind in sending this out –

I thought they were sampling CZ23 more frequently and would have more data from that well to see if they now have B migration under control in that area -

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**From:** Smallbeck, Donald R. <donald.smallbeck@woodplc.com>  
**Sent:** Monday, April 08, 2019 9:29 AM  
**To:** 'JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW' <catherine.jerrard@us.af.mil>; 'Wayne Miller' <Miller.Wayne@azdeq.gov>; D'Almeida, Carolyn <dAlmeida.Carolyn@epa.gov>; Pearson, Stuart C. <stuart.pearson@woodplc.com>  
**Cc:** d p <DPope@css-dynamac.com>; Davis, Eva <Davis.Eva@epa.gov>; GANGNUSS, GREGORY G GS-14 USAF HAF AFCEC/CIBP <gregory.gangnuss@us.af.mil>; 'Geoff Watkin' <Geoff.Watkin@SpecProSvcs.com>; Nicole Goers <Nicole.Goers@TechLawInc.com>; 'Brasaemle, Karla' <KBrasaemle@TechLawInc.com>; 'Rohrbaugh, Amanda' <ARohrbaugh@TechLawInc.com>; 'Bo Stewart' <bo@praxis-enviro.com>; 'William Hughes' <William.Hughes@SpecProSvcs.com>; 'steve@uxopro.com' <steve@uxopro.com>; 'Jennings, Eleanor' <Eleanor.Jennings@parsons.com>; 'Panzino, Paula@azdeq.gov' <Panzino.Paula@azdeq.gov>  
**Subject:** ST012 Site Activities

Activities through last week (3/29)

- SVE Operation
- CZ21 repaired with new pump (pump subsequently went down week of 4/1 with a motor error)
- Continued extraction and treatment ~70 gpm, ~15.5 million total gallons treated since startup of EBR extraction.
- Operating Extraction Wells: CZ07, CZ18, UWBZ22, UWBZ26, UWBZ30, LSZ09, LSZ11, LSZ12, LSZ23, LSZ37, LSZ38, LSZ39
- Extraction Wells Down: UWBZ21, UWBZ22
- CZ07 pumping at approximately 15 gpm.
- Completed quarterly GW sampling (except for extraction wells still to be repaired)
- Injections:
  - UWBZ34: ~1.1 tons 3/12, ~1 ton 3/14, ~0.8 tons 3/15, ~0.8 tons 3/19, ~1.8 tons 3/20, ~1.6 tons 3/21
  - W11: ~0.9 tons 3/12, ~1 ton 3/14, ~1.2 tons 3/15, ~1.2 tons 3/19, ~1.2 tons 3/20, ~0.4 tons 3/21, ~0.9 tons 3/27
  - UWBZ35: ~1.1 tons 3/27, ~3 tons 3/28, ~3 tons 3/29

This week (4/1-4/5)

- SVE Operation
- Continue extraction
- Repair UWBZ21 and UWBZ22
- Injections pending additional sulfate delivery
- Order replacement motor for CZ21

Next Week (4/8-4/12)

- SVE Operation (make optimization adjustments)
- Continue extraction
- Continue Injecting sulfate at UWBZ35 and begin injections at LSZ08

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